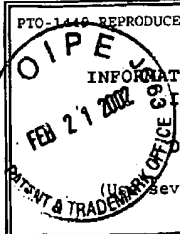

















PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0399.1192-008	APPLICATION NO. 09/746,742
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	AU	Borchardt, Allen et al., "Small Molecule-dependent genetic selection in stochastic nanodroplets as a means of detecting protein-ligand interactions on a large scale," <i>Chem. & Biol.</i> 4(12):961-968 (1997).	
	AV	Bullough, Per A. et al., "Structure of influenza haemagglutinin at the pH of membrane fusion," <i>Nature</i> 371:37-43 (1994).	
	AW	Caffrey, Michael et al., "Three-dimensional solution structure of the 44kDa ectodomain of SIV gp41," <i>EMBO J.</i> 17(16):4572-4584 (1998).	
	AX	Cao, Jie et al., "Effects of Amino Acid Changes in the Extracellular Domain of the Human Immunodeficiency Virus Type 1 gp41 Envelope Glycoprotein," <i>J. Virology</i> 67(5):2747-2755 (1993).	
	AY	Chabala, John C., "Solid-phase combinatorial chemistry and novel tagging methods for identifying leads," <i>Curr. Opin. Biotech.</i> 6:632-639 (1995).	
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	AR2	Chambers, Philip, et al., "Heptad Repeat Sequences are Located Adjacent to Hydrophobic Regions in Several Types of Virus Fusion Glycoproteins," <i>Journal of General Virology</i> , 71:3075-3080 (1990).	
	AS2	Chan, David C., et al., "Evidence that a Prominent Cavity in the Coiled Coil of HIV Type I gp41 is an Attractive Drug Target," <i>Proc. Natl. Acad. Sci. USA</i> 95:15613-15617 (1998).	
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	AV2	Chen, Yee-Hsiung et al., "Determination of the Helix and β Form of Proteins in Aqueous Solution by Circular Dichroism," <i>Biochemistry</i> 13(16):3350-3359 (1974).	
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	AX2	Chen, Charlie L. et al., "One Bead-One Compound Combinatorial Peptide Library: Different Types of Screening," <i>Methods in Enzymology</i> 267:211-219 (1996).	
	AY2	Chen, Chin-Ho et al., "A Molecular Clasp in the Human Immunodeficiency Virus (HIV) Type 1 TM Protein Determines the Anti-HIV Activity of gp41 Derivatives: Implication for Viral Fusion," <i>J. Virology</i> 69(6):3771-3777 (1995).	
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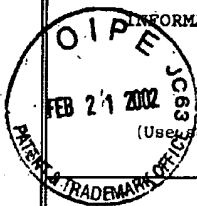
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	AZ2	Cole, James L. and Garsky, Victor M., "Thermodynamics of Peptide Inhibitor Binding to HIV-1 gp41," <i>Biochemistry</i> 40:5633-5641 (2001).	
	AR3	Delwart, Eric L., et al., "Retroviral Envelope Glycoproteins Contain a "Leucine Zipper"-like Repeat," <i>AIDS Research and Human Retroviruses</i> , 6(6):703-706 (1990).	
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	AV3	Eckert, Debra M. et al., "Crystal Structure of GCN4-pl ₁ , a Trimeric Coiled Coil with Buried Polar Residues," <i>J. Mol. Biol.</i> 284:859-865 (1998).	
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	AY3	Fass, Deborah et al., "Retrovirus envelop domain at 1.7 Å resolution," <i>Nature Structural Biology</i> 3(5):465-469 (1996).	
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	AS4	Gallagher, William R., et al., "A General Model for the Transmembrane Proteins of HIV and Other Retroviruses," <i>Aids Research and Human Retroviruses</i> , 5(4):431-440 (1989).	
	AT4	Harbury, Pehr B. et al., "Repacking protein cores with backbone freedom: Structure prediction for coiled coils," <i>Proc. Natl. Acad. Sci. USA</i> 92:8408-8412 (1995).	
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION December 31, 2001 (Use several sheets if necessary)		APPLICANT Debra M. Eckert et al.	
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AW4	Hooft, Rob W.W. and Vriend, Gert, "Errors in protein structures," <i>Nature</i> 381:272 (1996).		
AX4	Jiang, Shibo et al., "A conformation-Specific Monoclonal Antibody Reacting with Fusion-Active gp41 from the Human Immunodeficiency Virus Type 1 Envelope Glycoprotein," <i>J. of Virology</i> 72(12):10213-10217 (1998).		
AY4	Jiang, S. et al., "A screening assay for antiviral compounds targeted to the HIV-1 gp41 core structure using a conformation-specific monoclonal antibody," <i>J. Virol. Methods</i> 80:85-96 (1999).		
AZ4	Jiang, Shibo et al., "HIV-1 inhibition by a peptide," <i>Nature</i> 365:113 (1993).		
AR5	Jones, T.A. et al., "Improved Methods for Building Protein Models in Electron Density Maps and the Location of Errors in these Models," <i>Acta Cryst.</i> A47:110-119 (1991).		
AS5	Judice, J. Kevin et al., "Inhibition of HIV type 1 infectivity by constrained α -helical peptides: Implications for the viral fusion mechanism," <i>Proc. Natl. Acad. Sci. USA</i> 94:13426-13430 (1997).		
AT5	Kilby, J. Michael et al., "Potent suppression of HIV-1 replication in humans by T-20, a peptide inhibitor of gp41-mediated virus entry," <i>Nature Medicine</i> 4(11):1302-1307 (1998).		
AU5	Kliger, Yossef et al., "Mode of Action of an Antiviral Peptide from HIV-1," <i>J. Biol. Chem.</i> 276(2):1391-1397 (2001).		
AV5	Kozarsky, Karen et al., "Glycosylation and Processing of the Human Immunodeficiency Virus Type 1 Envelope Protein," <i>J. Acquired Immune Deficiency Syndromes</i> 2:163-169 (1989).		
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AX5	Kuntz, Irwin D., "Structure-Based Strategies for Drug Design and Discovery," <i>Science</i> 257:1078-1082 (1992 August).		
AY5	LaCasse, Rachel A. et al., "Fusion-Competent Vaccines: Broad Neutralization of Primary Isolates of HIV," <i>Science</i> 283:357-362 (1999).		
AZ5	Lam, Kit S. et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <i>Nature</i> 354:82-84 (1991).		
AR6	Lambert, D.M. et al., "Peptides from conserved regions of paramyxovirus fusion (F) proteins are potent inhibitors of viral fusion," <i>Proc. Natl. Acad. Sci. USA</i> 93:2186-2191 (1996).		
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AT6	Li, Zhe, et al., "Anti-malarial Drug Development Using Models of Enzyme Structure," <i>Chemistry & Biology</i> , 1:31-37 (1994).		
AU6	Lu, Min, et al., "A Trimeric Structural Domain of the HIV-1 transmembrane glycoprotein," <i>Nature Structural Biology</i> , 2(12):1-8 (1995).		
AV6	Lu, Min and Kim, Peter S., "A Trimeric Structural Subdomain of the HIV-1 Transmembrane Glycoprotein," <i>J. Biomol. Structure & Dynamics</i> 15(3):465-471 (1997).		
AW6	Malashkevich, Vladimir N. et al., "Crystal structure of the simian immunodeficiency virus (SIV) gp41 core: Conserved helical interactions underlie the broad inhibitory activity of gp41 peptides," <i>Proc. Natl. Acad. Sci. USA</i> 95:9134-9139 (1998).		
AX6	Meng, Elaine C., et al., "Automated Docking with Grid-Based Energy Evaluation," <i>Journal of Computational Chemistry</i> , 13(4):505-524 (1992).		
AY6	Muster, Thomas et al., "Cross-Neutralizing Activity against Divergent Human Immunodeficiency Virus Type 1 Isolates Induced by the gp41 Sequence ELDKWAS," <i>J. Virology</i> 68(6):4031-4034 (1994).		
AZ6	Muster, Thomas et al., "A Conserved Neutralizing Epitope on gp41 of Human Immunodeficiency Virus Type 1," <i>J. Virology</i> 67(11):6642-6647 (1993).		
AR7	Nautiyal, Shivani and Alber, Tom, "Crystal structure of a designed, thermostable, heterotrimeric coiled coil," <i>Protein Science</i> 8:84-90 (1999).		
AS7	Nolte, Alexis et al., "Mirror-design of L-oligonucleotide ligands binding to L-arginine," <i>Nature Biotechnology</i> 4:1116-1119 (1996).		
AT7	O'Neil, Karyn T. and DeGrado, William F., "A Thermodynamic Scale for the Helix-Forming Tendencies of the Commonly Occurring Amino Acids," <i>Science</i> 250:646-351 (1990).		
AU7	Purtscher, Martin et al., "Restricted antigenic variability of the epitope recognized by the neutralizing gp41 antibody 2F5," <i>AIDS</i> 10:587-593 (1996).		
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 INFORMATION DISCLOSURE CITATION IN AN APPLICATION December 31, 2001 (Use several sheets if necessary)		APPLICANT Debra M. Eckert et al.	
		FILING DATE December 21, 2000	GROUP 1614 1639
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	AW7	Richman, Douglas D., "Nailing down another HIV target," <i>Nature Medicine</i> 4(11):1232-1233 (1998).	
	AX7	Rimsky, Laurence T. et al., "Determinants of Human Immunodeficiency Virus Type 1 Resistance to gp41-Derived Inhibitory Peptides," <i>J. Virology</i> 72(2):986-993 (1998).	
	AY7	Ring, Christine S., et al., "Structure-based Inhibitor Design by Using Protein Models for the Development of Antiparasitic Agents," <i>Proc. Natl. Acad. Sci. USA</i> , 90:3583-3587 (1993).	
	AZ7	Root, Michael J. et al., "Protein Design of an HIV-1 Entry Inhibitor," <i>Science</i> 291:884-888 (2001).	
	AR8	Schumacher, Ton N.M. et al., "Identification of D-Peptide Ligands Through Mirror-Image Phage Display," <i>Science</i> 271:1854-1857 (1996).	
	AS8	Shuker, Suzanne B. et al., "Discovering High-Affinity Ligands for Proteins: SAR by NMR," <i>Science</i> 274:1531-1534 (1996).	
	AT8	Singh, Mona et al., "LearnCoil-VMF: Computational Evidence for Coiled-coil-like Motifs in Many Viral Membrane-fusion Proteins," <i>J. Mol. Biol.</i> 290:1031-1041 (1999).	
	AU8	Tan, Kemin et al., "Atomic structure of a thermostable subdomain of HIV-1 gp41," <i>Proc. Natl. Acad. Sci. USA</i> 94:12303-12308 (1997).	
	AV8	Tarrago-Litvak, Laura et al., "The reverse transcriptase of HIV-1: from enzymology to therapeutic intervention," <i>FASEB J.</i> 8:497-503 (1994).	
	AW8	Tucker, Thomas J. et al., "Development of Nonnucleoside HIV Reverse Transcriptase Inhibitors," <i>Methods in Enzymology</i> 275:440-472 (1996).	
	AX8	Tyagi, Sanjay et al., "Multicolor molecular beacons for allele discrimination," <i>Nature Biotechnology</i> 16:49-53 (1998).	
	AY8	Weissenhorn, Winfried et al., "Assembly of a rod-shaped chimera of a trimeric GCN4 zipper and the HIV-1 gp41 ectodomain expressed in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 94:6065-6069 (1997).	
	AZ8	Weissenhorn, W. et al., "Atomic structure of the ectodomain from HIV-1 gp41," <i>Nature</i> 387:426-430 (1997).	
	AR9	Weissenhorn, Winfried et al., "Crystal Structure of the Ebola Virus Membrane Fusion Subunit, GP2, from the Envelope Glycoprotein Ectodomain," <i>Molecular Cell</i> 2:605-616 (1998).	
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		<p>FILING DATE December 21, 2000</p>	<p>GROUP 1614 1639</p>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
M	AT9	Wild, Carl T. et al., "Peptides corresponding to a predictive α -helical domain of human immunodeficiency virus type 1 gp41 are potent inhibitors of virus infection," <i>Proc. Natl. Acad. Sci. USA</i> 91:9770-9774 (1994).	
M	AU9	Williams, Kelly P. et al., "Bioactive and nuclease-resistant 1-DNA ligand of vasopressin," <i>Proc. Natl. Acad. Sci. USA</i> 94:11285-11290 (1997).	
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M	AW9	Malashkevich, Vladimir N. et al., "Core structure of the envelope glycoprotein GP2 from Ebola virus at 1.9-Å resolution," <i>Proc. Natl. Acad. Sci. USA</i> 96:2662-2667 (1999).	
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2 nd SUPPLEMENTAL INFORMATION DISCLOSURE IN AN APPLICATION		APPLICANT Debra M. Eckert, et al.	
March 24, 2003 (Use several sheets if necessary)		FILING DATE December 21, 2000	CONFIRMATION NO. 1627-1634

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AT10	Corigliano-Murphy, M.A., et al., "Synthesis and Properties of an All-D Model Ribonuclease S-Peptide," Int. J. Pep. Prot. Res. 25:225-231 (1985).	
AU10	Kramer, A., et al., "Stepwise Transformation of a Cholera Toxin and a p24 (HIV-1) Epitope Into D-Peptide Analogs," Prot. Engin. 11(10):941-948 (1998).	
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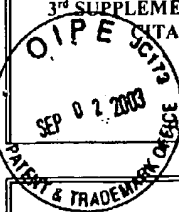
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Debra M. Eckert *et al.*

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December 21, 2000

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